

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	33	("20010014522" "20020004263" "20020173150" "20030045113" "20040051153" "20040063276" "20040132272" "20040171241" "20040259339" "20040266154" "20050019992" "20050085074" "20050104114" "4748131" "5039349" "5552627" "5672525" "5830802" "6048803" "6140163" "6153509" "6191463" "6198144" "6245605" "6288419" "6313003" "6417551" "6429105" "6479362" "6593229" "6613682" "6774012" "7029999").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:08
L2	1	("5712208").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:08
L3	1772606	metal	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:09
L4	491656	oxidation or oxidiz\$3	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:09
L5	6989	"nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:09
L6	14	3 with 4 with 5	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:14
L7	276199	halogen	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:14
L8	1971	3 with 4 with 7	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:14
L9	1687018	@ad>"20010829" @rlad>"20010829"	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:15
L10	1273	8 not 9	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:15
L11	597963	semiconductor	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:15
L12	92	10 and 11	US-PGPUB; USPAT	OR	OFF	2007/01/07 18:15
S1	65379	"438"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2007/01/07 15:01
S2	0	semiconductor or ic or "integrated circuit" or microelectronic	US-PGPUB; USPAT	OR	OFF	2003/05/29 17:11
S3	5	("6191463" "6198144" "6245605" "6479362" "6613682").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:50
S4	1103	"oxidation rates"	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:50
S5	1486948	metal	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:50

EAST Search History

S6	73703	polysilicon	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:50
S7	0	S4 with S5 with S6	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:51
S8	4028	"oxidation rate"	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:51
S9	4	S5 with S6 with S8	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:53
S10	14618	oxidizes	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:53
S11	22121	S5 with S6	US-PGPUB; USPAT	OR	OFF	2005/03/11 15:54
S12	10	S10 with S11	US-PGPUB; USPAT	OR	OFF	2005/03/11 16:04
S13	11	polycide and reoxidation and "nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2005/03/11 16:12
S14	0	metal with polysilicon with reoxidation with "nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2005/03/11 16:13
S15	0	metal with polysilicon with (oxidation or oxidiz\$3) with "nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2005/03/11 16:13
S16	6131	"nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2006/12/22 13:41
S17	6160	polycide	US-PGPUB; USPAT	OR	OFF	2005/12/20 14:26
S18	179	S16 and S17	US-PGPUB; USPAT	OR	OFF	2005/12/20 14:27
S19	5	("6191463" "6198144" "6245605" "6479362" "6613682").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:03
S20	167806	nitride	US-PGPUB; USPAT	OR	OFF	2005/12/20 15:02
S21	417	S16 with S20	US-PGPUB; USPAT	OR	OFF	2005/12/20 15:02
S22	25	S17 and S21	US-PGPUB; USPAT	OR	OFF	2005/12/20 15:51
S23	159501	fluorine	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:16
S24	2644	S20 with S23	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:16
S25	343356	cap	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:16
S26	16	S24 with S25	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:24
S27	365517	S25 or capping	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:24

EAST Search History

S28	302	S23 with S27	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:24
S29	22	S17 and S28	US-PGPUB; USPAT	OR	OFF	2005/12/20 16:24
S30	83222	polysilicon	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:03
S31	453896	gate	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:03
S32	171	S16 with S30	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:03
S33	19	S31 with S32	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:18
S34	199	S23 with S30 with S31	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:20
S35	59	S34 and S17	US-PGPUB; USPAT	OR	OFF	2005/12/20 17:20
S36	1	("5907188").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:16
S37	1398452	@ad>"20010829" @rlad>"20010829"	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:42
S38	617	polymetal	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:42
S39	5714	"re-oxidation" reoxidation	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:43
S40	2	S38 with S39	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:43
S41	635	"post oxidation"	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:43
S42	2	S38 with S41	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:48
S43	1089880	selective selectively	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:48
S44	461674	oxidation oxidiz\$3	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:48
S45	19406	S43 with S44	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:48
S46	113	S38 and S45	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:49
S47	40	S38 and S39	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:49
S48	16	S38 and S41	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:49
S49	54	S47 or S48	US-PGPUB; USPAT	OR	OFF	2006/06/01 16:49

EAST Search History

S50	618	polymetal	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:19
S51	462706	oxidation oxidiz\$3	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:20
S52	336224	halogen or fluorine	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:20
S53	132	S50 and S51 and S52	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:20
S54	6488	"nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:20
S55	338169	S52 or S54	US-PGPUB; USPAT	OR	OFF	2006/06/12 13:20
S56	132	S50 and S51 and S55	US-PGPUB; USPAT	OR	OFF	2006/06/12 16:55
S57	1678567	metal	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:22
S58	89166	polysilicon	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:22
S59	463085	oxidation oxidiz\$3	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:22
S60	1481526	w or tungsten	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:22
S61	2566470	S57 or S60	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:26
S62	1395089	reducing or halogen or "nf.sub.3"	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:28
S63	162	S58 same S59 same S61 same S62	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:51
S64	1	("5672525").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/13 13:51

EAST Search History

S65	80	(US-20050218435-\$ or US-20050093024-\$ or US-20050062115-\$ or US-20040259339-\$ or US-20040152340-\$ or US-20040051153-\$ or US-20020197856-\$ or US-20030045113-\$ or US-20020173150-\$ or US-20020137297-\$ or US-20020056874-\$ or US-20020004263-\$ or US-20010039116-\$ or US-20050045588-\$ or US-20020185469-\$ or US-20020055262-\$ or US-20020136970-\$ or US-20050136579-\$ or US-20040266154-\$ or US-20050087880-\$ or US-20050019992-\$ or US-20040171241-\$ or US-20030207556-\$ or US-20030040183-\$ or US-20010033023-\$ or US-20010025999-\$).did. or (US-20040018708-\$ or US-20010010966-\$ or US-20020119648-\$ or US-20010014522-\$ or US-20060110913-\$ or US-20020011461-\$ or US-20040002223-\$ or US-20040063276-\$ or US-20040063313-\$ or US-20040132272-\$ or US-20050085074-\$ or US-20060003565-\$ or US-20060009046-\$ or US-20060051921-\$ or US-20060110900-\$).did. or (US-7049187-\$ or US-6936550-\$ or US-6890843-\$ or US-6838327-\$ or US-6784038-\$ or US-6500720-\$ or US-6323115-\$ or US-6593229-\$ or US-6541362-\$ or US-6774012-\$ or US-6458714-\$ or US-5814863-\$ or US-5672525-\$ or US-5552627-\$ or US-5219485-\$ or US-5200028-\$ or US-5118387-\$ or US-5112435-\$ or US-4778563-\$ or US-5180464-\$ or US-4748131-\$ or US-6611060-\$ or US-5907188-\$ or US-7029999-\$ or US-6849544-\$ or US-6723665-\$).did. or (US-6720657-\$ or US-6417551-\$ or US-6291868-\$ or US-6277722-\$ or US-6362086-\$ or US-6228752-\$ or US-5620615-\$ or US-6198144-\$ or US-6788410-\$ or US-6303483-\$ or	US-PGPUB; OR USPAT	OFF	2006/06/13 16:59
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EAST Search History

S66	370	cvd with (reducing or "nf.sub.3") with (nitride or polysilicon or w or tungsten)	US-PGPUB; USPAT	OR	OFF	2006/06/13 17:00
S67	51	cvd with "nf.sub.3" with (nitride or polysilicon or w or tungsten)	US-PGPUB; USPAT	OR	OFF	2006/06/13 17:01

EAST Search History

S68	82	(US-20020055262-\$ or US-20020136970-\$ or US-20020185469-\$ or US-20020197856-\$ or US-20030071316-\$ or US-20050045588-\$ or US-20050085074-\$ or US-20040063276-\$ or US-20020119648-\$ or US-20050093024-\$ or US-20040171241-\$ or US-20040152340-\$ or US-20050087880-\$ or US-20030045113-\$ or US-20020173150-\$ or US-20010039116-\$ or US-20030207556-\$ or US-20060003565-\$ or US-20010010966-\$ or US-20020011461-\$ or US-20030040183-\$ or US-20050136579-\$ or US-20040063313-\$ or US-20050062115-\$ or US-20040259339-\$ or US-20040018708-\$).did. or (US-20060110900-\$ or US-20010025999-\$ or US-20010014522-\$ or US-20040051153-\$ or US-20060009046-\$ or US-20040266154-\$ or US-20040002223-\$ or US-20060110913-\$ or US-20050019992-\$ or US-20060051921-\$ or US-20040132272-\$ or US-20030035884-\$ or US-20020056874-\$ or US-20050218435-\$ or US-20020004263-\$ or US-20010033023-\$ or US-20020137297-\$).did. or (US-5672525-\$ or US-5814863-\$ or US-6198144-\$ or US-6458714-\$ or US-6774012-\$ or US-6288419-\$ or US-5907188-\$ or US-6362086-\$ or US-5552627-\$ or US-6303483-\$ or US-6291868-\$ or US-6228752-\$ or US-6936550-\$ or US-6521517-\$ or US-6521550-\$ or US-5200028-\$ or US-6417551-\$ or US-6784038-\$ or US-6723665-\$ or US-6720657-\$ or US-6514842-\$ or US-5219485-\$ or US-6541362-\$ or US-4778563-\$ or US-4748131-\$ or US-6323115-\$).did. or (US-6838327-\$ or US-6890843-\$ or US-6849544-\$ or US-7029999-\$ or US-6503220-\$ or US-5118387-\$ or	US-PGPUB; OR USPAT	OFF	2006/06/14 16:16
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EAST Search History

S69	1412069	@ad>"20010829" @rlad>"20010829"	US-PGPUB; USPAT	OR	OFF	2006/06/14 16:16
S70	38	S68 not S69	US-PGPUB; USPAT	OR	OFF	2006/06/14 16:45
S71	1	("6198144").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:27
S72	1	("20010014522").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:36
S73	3270	"fluorine compound"	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:36
S74	1728063	polysilicon or metal or nitride	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:36
S75	107605	cvd	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:37
S76	1331777	layer	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:37
S77	21498	S74 with S75 with S76	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:37
S78	2	S73 with S77	US-PGPUB; USPAT	OR	OFF	2006/06/14 17:37

EAST Search History

S79	82	(US-20060051921-\$ or US-20060110913-\$ or US-20060003565-\$ or US-20060110900-\$ or US-20060009046-\$ or US-20050218435-\$ or US-20050136579-\$ or US-20050093024-\$ or US-20050019992-\$ or US-20050087880-\$ or US-20050085074-\$ or US-20050062115-\$ or US-20040171241-\$ or US-20050045588-\$ or US-20040266154-\$ or US-20040259339-\$ or US-20040152340-\$ or US-20040132272-\$ or US-20040063313-\$ or US-20040002223-\$ or US-20030207556-\$ or US-20040063276-\$ or US-20040051153-\$ or US-20040018708-\$ or US-20030035884-\$ or US-20030071316-\$).did. or (US-20030045113-\$ or US-20020173150-\$ or US-20030040183-\$ or US-20020197856-\$ or US-20020185469-\$ or US-20020055262-\$ or US-20020137297-\$ or US-20020136970-\$ or US-20020119648-\$ or US-20010039116-\$ or US-20020056874-\$ or US-20020011461-\$ or US-20010014522-\$ or US-20020004263-\$ or US-20010033023-\$ or US-20010025999-\$ or US-20010010966-\$).did. or (US-6936550-\$ or US-6890843-\$ or US-7049187-\$ or US-6838327-\$ or US-7029999-\$ or US-6849544-\$ or US-6611060-\$ or US-6784038-\$ or US-6774012-\$ or US-6541362-\$ or US-6723665-\$ or US-6720657-\$ or US-6593229-\$ or US-6514842-\$ or US-6500720-\$ or US-6521550-\$ or US-6521517-\$ or US-6323115-\$ or US-6303483-\$ or US-6458714-\$ or US-6417551-\$ or US-6277722-\$ or US-6228752-\$ or US-6362086-\$ or US-5907188-\$ or US-5814863-\$).did. or (US-6291868-\$ or US-6288419-\$ or US-5672525-\$ or US-6198144-\$ or US-5710485-\$ or US-5700078-\$ or	US-PGPUB; OR USPAT	OFF	2006/06/14 17:57
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EAST Search History

S80	33	("20010014522" "20020004263" "20020173150" "20030045113" "20040051153" "20040063276" "20040132272" "20040171241" "20040259339" "20040266154" "20050019992" "20050085074" "20050104114" "4748131" "5039349" "5552627" "5672525" "5830802" "6048803" "6140163" "6153509" "6191463" "6198144" "6245605" "6288419" "6313003" "6417551" "6429105" "6479362" "6593229" "6613682" "6774012" "7029999").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/22 13:41
S81	6011	"re-oxidation" reoxidation	US-PGPUB; USPAT	OR	OFF	2006/12/22 13:41
S82	7553	"nf.sub.3" "nitrogen trifluoride"	US-PGPUB; USPAT	OR	OFF	2006/12/22 15:09
S83	134	S81 and S82	US-PGPUB; USPAT	OR	OFF	2006/12/22 13:42
S84	1667358	@ad>"20010829" @rlad>"20010829"	US-PGPUB; USPAT	OR	OFF	2006/12/22 13:43
S85	72	S83 not S84	US-PGPUB; USPAT	OR	OFF	2006/12/22 14:58
S86	1	("5,334,556").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/22 14:58
S87	1645	"nitrogen trifluoride"	US-PGPUB; USPAT	OR	OFF	2006/12/22 15:10
S88	7553	S82 or S87	US-PGPUB; USPAT	OR	OFF	2006/12/22 15:10
S89	134	S81 and S88	US-PGPUB; USPAT	OR	OFF	2006/12/22 15:10
S90	0	S89 not S83	US-PGPUB; USPAT	OR	OFF	2006/12/22 15:10
S91	1	("20060046398").PN.	US-PGPUB; USPAT	OR	OFF	2006/12/22 16:17